

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application.

1. (Currently Amended) A hot dip galvanized high strength steel sheet excellent in plating adhesion and hole expandability comprising consisting of, in mass %:

C: 0.08 to 0.35%,

Si: ~~4.0%~~ or less than 0.2%,

Mn: 0.8 to 3.5%,

P: 0.03% or less,

S: 0.03% or less,

Al: 0.25 to 1.8%,

Mo: 0.05 to 0.35%, and

N: 0.010% or less, and

B: 0.0001 to 0.0030%.

one or more of Ti: 0.01 to 0.3%, Nb: 0.01 to 0.3%, V: 0.01 to 0.3%, Cu: 1% or less,
and Cr: 1% or less, and

B: 0.0001 to 0.0030% and

having a balance of Fe and unavoidable impurities,

said hot dip galvanization steel sheet characterized in that said steel sheet has a metal structure having, ferrite, bainite, by area ratio, 0.5% 3.5% to 10% of tempered martensite, and, by volume percent, 5% or more to 11% of residual austenite, ferrite, and bainite, and

said metal structure is obtained by annealing at 680° to 930°C, cooling, holding at a temperature range of 400 to 500°C for 60 seconds to 20 minutes, then cooling to the martensite transformation point, Ms (°C) or less, then heating to a temperature at 250° to 600°C, hot dip galvanizing and preferably hot dip galvannealing, and cooling to ordinary temperature, wherein Ms (°C) is determined from equation (1):

$$\text{Ms}(\text{°C}) = 561 - 473 \times \text{C}(\%) - 33 \times \text{Mn}(\%) - 17 \times \text{Ni}(\%) - 17 \times \text{Cr}(\%) - 21 \times \text{Mo}(\%) \quad (1)$$

Claims 2 to 7: (canceled).